

Exact evidence of the transport quality

MONI LOG[®] ShockDisplay curve



- ▼ Extremely rugged design
- ▼ Easy to operate, display, long operating time
- ▼ Records the 100 greatest mechanical shocks and time graphs
- ▼ USB port
- ▼ Detects direction, amplitude, time, duration, minimum and maximum of the impact
- ▼ Password protection
- ▼ Including efficient software

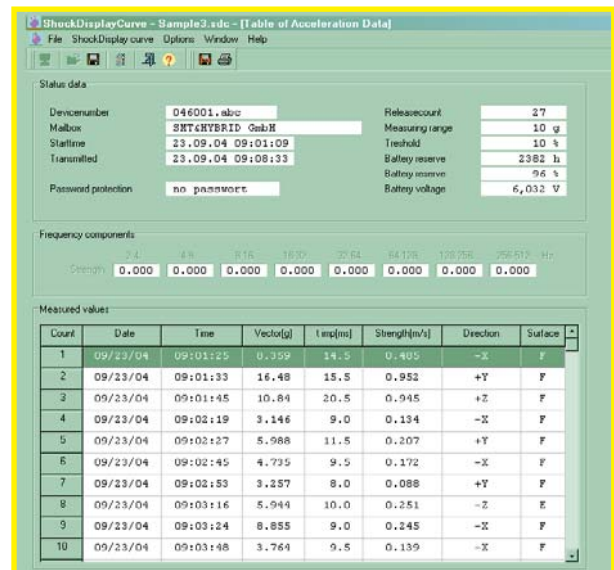


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The extremely rugged shock measuring device stores information about the **100 greatest shocks**. It can be programmed using the function keys and guided by menus, or using special configuration software. The shocks are shown on the display together with **date, time, space vector**, integrated **shock amplitude, duration, and direction**, as well as minimum, maximum, and number of all values. Two keys allow to **scroll the display content**. In addition, the 100 events are saved in the form of a signal graph to facilitate **precise evaluation**.

The durable electronic unit provides for **long operating periods** using standard batteries. Thanks to the **real-time measurement**, measured values can also be recorded while data transmission is in progress, so that a real "zero" ms reaction time can be realized in case of shock events. A very user-friendly software concept was realized in conjunction with the file system and **USB interface**. The device is **password-protected**. Employing state-of-the-art technologies makes it possible to manufacture this device at reasonable costs, thereby complying with the EC Directives concerning electrical equipment.



Technical data

Parameters: 100 shock events with the greatest amplitude, three-dimensional, events are also stored in the form of signal graphs with a duration of 1,024 ms at 2 kHz sampling rate, digital and analog signal filters, display of graphs and frequency analysis according to DIN EN 13011 with the help of external software

Controls: Illuminated LC display and four function keys; displayed parameters: date, time, space vector, shock amplitude, shock duration, minimum, maximum, number of events; password-protected menu structure

Connections: RS-232 and USB 1.1 to link the device to a PC for configuration and data evaluation

Case: Aluminum, coated, IP 65 degree of protection

Ambient conditions: -20 ... +65 °C - no restrictions; max. 98 % humidity, no dew formation
For applications in different environments please enquire about custom-made solutions

Power supply: 2x R14 (C-type) batteries (alkaline, NiCd, NiMH)
or external batteries (2 ... 10 V); 2,500 h operating time with alkaline batteries

Weight: 860 g incl. batteries

Dimensions: 206 x 100 x 40 mm

Fix parameters: Measuring ranges 10 or 20 g and special models, filter characteristic of the digital frequency filter up to 512 Hz, minimum event duration

Programmable parameters: Recording threshold (from 5 % of the measuring range),
Mailbox-Field, password protection, clock-time adjustment

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